

GEOCHECK® PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Monitor Well
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: 1900 CENTRAL AV NE
MINNEAPOLIS, MN 55418

Owner/Contact Address Information:

Owner's Address: 123 ARMSTRONG BL S
ST. JAMES, MN 56081

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	12.53	Date Static Level measured:	07/14/1992
Static Water Level Data Source/Driller's License #:			M0112

Remarks:

MW-3, TCT #4231-92-180

N77
SW
1/2 - 1 Mile
Lower

MN WELLS 3027512181

Principal Well Information:

Unique Well #:	512181	County:	HENNEPIN
Township:	29	Section	14
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	CAB	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	118
7.5 Minute Quadrangle:	104A	Date drilled:	04/02/1990
Depth Drilled (in Ft.):	118	Date of Last Update:	02/05/1993
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	CITY OF MINNEAPOLIS	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			27118
Casing Diam (in):	16	Depth Cased (in Ft.):	78
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:		No	
Potential Pollution Source Type:		Not Reported	
Potential Pollution Source Distance (in Ft.):		Not Reported	
Potential Pollution Source Direction:		Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Other
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: Not Reported

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	52	Date Static Level measured:	04/02/1990
Static Water Level Data Source/Driller's License #:	27118		

Remarks:

MCNALLY CONST. & TUNNELING, BOX 18336, MINNEAPOLIS, MN 55418
WELL 7

N78 SW 1/2 - 1 Mile Lower	Site ID:	5568		
	Groundwater Flow:	Not Reported	AQUIFLOW	30404
	Shallow Water Depth:	2		
	Deep Water Depth:	5		
	Average Water Depth:	Not Reported		
	Date:	11/18/1992		

O79 West 1/2 - 1 Mile Lower		MN WELLS	2020026527
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Principal Well Information:

Unique Well #:	200265	County:	HENNEPIN
Township:	29	Section:	14
Range:	24	Elevation (in Ft.):	834
Subsection:	BBBBAC	Locator:	MGS
Location Method	Info. from Owner	Depth Completed (in Ft.):	650
7.5 Minute Quadrangle:	120D	Date drilled:	00/00/1934
Depth Drilled (in Ft.):	650	Date of Last Update:	10/11/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	FLEISCHMAN MALTING NO.1	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			02702

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	16	Depth Cased (in Ft.):	172
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	OSTP	Wellhead Protection Area:	00
Open Interval-Top:	OPDC	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	75-6220	Well Grouted ?:	Not Reported
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	MULTIPLE AQUIFER		
Depth to Bedrock (Ft.):	100		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Industrial		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Downhole Geophysics
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 1717 2ND ST NE
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	44	Date Static Level measured:	00/00/1934
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	10/11/1995

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Telescoping
Diameter of the largest Casing Set (in inches):	20		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	120		
Diameter of the 2nd largest Casing Set (in.):	16		
Depth to the Top of the 2nd largest Casing Set (Ft.):	120		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	172		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	172		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Pumpage Test/Driller Information:

Static Water Lev. (in Ft.):	44	Date Tested:	00/1934
1st Test Time (Hrs):	Not Reported	1st Test Pumpage (Gal/min):	1300
2nd Test Time (Hrs):	Not Reported	2nd Test Pumpage (Gal/min):	Not Reported
3rd Test Time (Hrs):	Not Reported	3rd Test Pumpage (Gal/min):	Not Reported
Driller's Name:	Not Reported		
Water Level after 1st Pumping Test (in Ft.):		Not Reported	
Water Level after 2nd Pumping Test (in Ft.):		Not Reported	
Water Level after 3rd Pumping Test (in Ft.):		Not Reported	

Well Pump Information:

Any Pump installed:	Yes	Pump Type:	Turbine
Date Pump installed:	Not Reported	Pump Manufacturer:	WORTHINGTON
Pump Model:	Not Reported	Pump Horsepower:	Not Reported
Pump Voltage:	Not Reported	Capacity:	Not Reported
Drop Pipe Length (in Ft.):	Not Reported	Drop Pipe Material:	Not Reported

Driller's/Geologic Log Information:

Description of Geologic Materials:	CLAY
Depth to the Top of measured Interval (in Ft.):	0
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	CLAY
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	Pleistocene, materials undifferentiated or sorting unknown, color unknown or unspecified

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description of Geologic Materials: SAND
Depth to the Top of measured Interval (in Ft.): 85
Hardness of Geologic Materials: Not Reported
Interpreted Primary Lithography: SAND
Secondary Lithography: Not Reported
Minor Lithography: Not Reported
Color of Geo. Materials: Not Reported
Stratigraphic Unit: Pleistocene,sand,materials undifferentiated or sorting unknown,color unknown or unspedfied

Description of Geologic Materials: SANDROCK
Depth to the Top of measured Interval (in Ft.): 100
Hardness of Geologic Materials: SOFT
Interpreted Primary Lithography: SANDSTONE
Secondary Lithography: Not Reported
Minor Lithography: Not Reported
Color of Geo. Materials: Not Reported
Stratigraphic Unit: ST.PETER

Description of Geologic Materials: SANDROCK
Depth to the Top of measured Interval (in Ft.): 110
Hardness of Geologic Materials: Not Reported
Interpreted Primary Lithography: SANDSTONE
Secondary Lithography: Not Reported
Minor Lithography: Not Reported
Color of Geo. Materials: Not Reported
Stratigraphic Unit: ST.PETER

Remarks:

CASING: 020 TO 0120;016 TO 0172.
GAMMA LOGGED (MGS) 6/12/89.
GAMMA LOGGED 6-12-89 (MGS).
REBUILT IN 1957 STILL PUMPING.
REBUILT IN 1957;STILL PUMPING;16 IN. CASING FROM 111 TO 172 FEET.

O80 West 1/2 - 1 Mile Lower	Site ID:	8333	AQUIFLOW	36615
	Groundwater Flow:	WNW		
	Shallow Water Depth:	11.31		
	Deep Water Depth:	13.54		
	Average Water Depth:	Not Reported		
	Date:	02/20/1996		

O81 West 1/2 - 1 Mile Lower	MN WELLS	3027232307
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Principal Well Information:

Unique Well #:	232307	County:	HENNEPIN
Township:	29	Section	11
Range:	24	Elevation (in Ft.):	834
Subsection:	CCCCDC	Locator:	MGS
Location Method	Info. from Owner	Depth Completed (in Ft.):	626
7.5 Minute Quadrangle:	120D	Date drilled:	00/00/1933
Depth Drilled (in Ft.):	626	Date of Last Update:	10/11/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Name:	FLEISCHMAN MALTING CO. N	Owner's Name:	Not Reported
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:		02702	
Casing Diam (in):	20	Depth Cased (in Ft.):	124
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	OSTP	Wellhead Protection Area:	00
Open Interval-Top:	OPDC	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	75-6220	Well Grouted ?:	Not Reported
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	MULTIPLE AQUIFER		
Depth to Bedrock (Ft.):	122		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Industrial		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Downhole Geophysics
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address:	Not Reported
	MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	35	Date Static Level measured:	00/00/1933
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	10/11/1995

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Telescoping
Diameter of the largest Casing Set (in inches):	20		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	124		
Diameter of the 2nd largest Casing Set (in.):	16		
Depth to the Top of the 2nd largest Casing Set (Ft.):	124		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	57		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	57		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	124		
Depth to Bottom of uncased Interval in Ft. (if not screened):	626		
Any Screen present:	No	Screen Type:	Not Reported
Screen Make:	Not Reported	Screen Diameter (in inches):	Not Reported
1st Screen Slot/Gauze:	Not Reported	1st Screen length:	Not Reported
1st Screen Depth to Top:	Not Reported	1st Screen Depth to Bottom:	Not Reported
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported

Pumpage Test/Driller Information:

Static Water Lev. (in Ft.):	35	Date Tested:	00/1935
1st Test Time (Hrs):	Not Reported	1st Test Pumpage (Gal/min):	1250
2nd Test Time (Hrs):	Not Reported	2nd Test Pumpage (Gal/min):	Not Reported
3rd Test Time (Hrs):	Not Reported	3rd Test Pumpage (Gal/min):	Not Reported
Driller's Name:	Not Reported		
Water Level after 1st Pumping Test (in Ft.):		Not Reported	
Water Level after 2nd Pumping Test (in Ft.):		Not Reported	
Water Level after 3rd Pumping Test (in Ft.):		Not Reported	

Well Pump Information:

Any Pump installed:	Yes	Pump Type:	Not Reported
Date Pump installed:	Not Reported	Pump Manufacturer:	WORTHINGTON
Pump Model:	Not Reported	Pump Horsepower:	Not Reported
Pump Voltage:	Not Reported	Capacity:	Not Reported
Drop Pipe Length (in Ft.):	Not Reported	Drop Pipe Material:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller's/Geologic Log Information:

Description of Geologic Materials:	SAND
Depth to the Top of measured Interval (in Ft.):	0
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SAND
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	Pleistocene,sand,materials undifferentiated or sorting unknown,color unknown or unspedfied
Description of Geologic Materials:	CLAY
Depth to the Top of measured Interval (in Ft.):	10
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	CLAY
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	Pleistocene,materials undifferentiated or sorting unknown,color unknown or unspedfied
Description of Geologic Materials:	GRAVEL
Depth to the Top of measured Interval (in Ft.):	87
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	GRAVEL
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	Pleistocene,sand,materials undifferentiated or sorting unknown,color unknown or unspedfied
Description of Geologic Materials:	SANDROCK
Depth to the Top of measured Interval (in Ft.):	122
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SANDSTONE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	ST.PETER

Remarks:

16 IN. CASING IS SET FROM 118 TO 175 FT.
CASING: 020 TO 0124;016 TO 0057.

82	Site ID:	435		
WSW	Groundwater Flow:	Varies	AQUIFLOW	46768
1/2 - 1 Mile	Shallow Water Depth:	14.02'		
Lower	Deep Water Depth:	85.73'		
	Average Water Depth:	Not Reported		
	Date:	11/1996		

P83				
SSW			MN WELLS	3027512179
1/2 - 1 Mile				
Lower				

GEOCHECK® PHYSICAL SETTING SOURCE MAP FINDINGS

Principal Well Information:

Unique Well #:	512179	County:	HENNEPIN
Township:	29	Section	14
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	CAD	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	118
7.5 Minute Quadrangle:	104A	Date drilled:	03/22/1990
Depth Drilled (in Ft.):	118	Date of Last Update:	02/05/1993
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	CITY OF MINNEAPOLIS	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:		27118	
Casing Diam (in):	16	Depth Cased (in Ft.):	68
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Other		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:		Not Reported	
Indicator that an entry for this well exists in the State Water Use Data System:		Not Reported	
Data exist for this well in the PCA Integrated Ground-Water Information System:		Not Reported	
Indicator of the availability of cuttings, core or downhole geophysical data for this well:		Not Reported	
Indicator of the existence of a digitized UTM location for this well:		Not Reported	

Well Address Information:

Well Address: Not Reported

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	56	Date Static Level measured:	03/22/1990
Static Water Level Data Source/Driller's License #:		27118	

Remarks:

INTERSECTION OF 5TH ST. NE & 7TH AVE. NE
MCNALLY CONST. & TUNNELING
WELL 5

84
NE
1/2 - 1 Mile
Higher

MN WELLS 2020025827

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Principal Well Information:

Unique Well #:	200258	County:	HENNEPIN
Township:	29	Section	12
Range:	24	Elevation (in Ft.):	852
Subsection:	BCCCCDB	Locator:	MGS
Location Method	Not Reported	Depth Completed (in Ft.):	42
7.5 Minute Quadrangle:	119C	Date drilled:	06/30/1952
Depth Drilled (in Ft.):	42	Date of Last Update:	09/11/1991
Status:	Active	Not Reported	
Geographic Coordinates Method:	Not Reported	Owner's Name:	Not Reported
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:	27015		
Casing Diam (in):	4	Depth Cased (in Ft.):	38
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	NRCD	Wellhead Protection Area:	Not Reported
Open Interval-Top:	QBAA	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Not Reported
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Pleistocene		
Depth to Bedrock (Ft.):	38		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Domestic		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	6	Date Static Level measured:	06/30/1952
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	09/11/1991

GEOCHECK® PHYSICAL SETTING SOURCE MAP FINDINGS

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Single Casing
Diameter of the largest Casing Set (in inches):	4		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	38		
Diameter of the 2nd largest Casing Set (in.):	Not Reported		
Depth to the Top of the 2nd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	Not Reported		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	38		
Depth to Bottom of uncased Interval in Ft. (if not screened):	42		
Any Screen present:	No	Screen Type:	Not Reported
Screen Make:	Not Reported	Screen Diameter (in inches):	Not Reported
1st Screen Slot/Gauze:	Not Reported	1st Screen length:	Not Reported
1st Screen Depth to Top:	Not Reported	1st Screen Depth to Bottom:	Not Reported
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported

Pumpage Test/Driller Information:

Static Water Lev. (in Ft.):	6	Date Tested:	06/1952
1st Test Time (Hrs):	Not Reported	1st Test Pumpage (Gal/min):	30
2nd Test Time (Hrs):	Not Reported	2nd Test Pumpage (Gal/min):	Not Reported
3rd Test Time (Hrs):	Not Reported	3rd Test Pumpage (Gal/min):	Not Reported
Driller's Name:	Not Reported		
Water Level after 1st Pumping Test (in Ft.):	8		
Water Level after 2nd Pumping Test (in Ft.):	Not Reported		
Water Level after 3rd Pumping Test (in Ft.):	Not Reported		

Well Pump Information:

Any Pump installed:	Yes	Pump Type:	Not Reported
Date Pump installed:	Not Reported	Pump Manufacturer:	MCDONALD
Pump Model:	Not Reported	Pump Horsepower:	0.5
Pump Voltage:	Not Reported	Capacity:	15
Drop Pipe Length (in Ft.):	18	Drop Pipe Material:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller's/Geologic Log Information:

Description of Geologic Materials:	CLAY AND BOULDERS
Depth to the Top of measured Interval (in Ft.):	Not Reported
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	CLAY
Secondary Lithography:	BOULDER
Minor Lithography:	Not Reported
Color of Geo. Materials:	RED
Stratigraphic Unit:	Pleistocene,materials undifferentiated or sorting unknown,red
Description of Geologic Materials:	CLAY AND GRAVEL
Depth to the Top of measured Interval (in Ft.):	21
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	CLAY
Secondary Lithography:	GRAVEL
Minor Lithography:	Not Reported
Color of Geo. Materials:	GRAY
Stratigraphic Unit:	Pleistocene,deposit type unknown or undifferentiated,materials undifferentiated or sorting unknown,gray
Description of Geologic Materials:	GRAVEL
Depth to the Top of measured Interval (in Ft.):	30
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	GRAVEL
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	DARK
Stratigraphic Unit:	Pleistocene,sand,materials undifferentiated or sorting unknown,color unknown or unspecified
Description of Geologic Materials:	BROKEN LIME AND GRAVEL
Depth to the Top of measured Interval (in Ft.):	35
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	BOULDER
Secondary Lithography:	GRAVEL
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLEISTOCENE UNDIFF.

Q85
NW
1/2 - 1 Mile
Lower

MN WELLS 3027507072

Principal Well Information:

Unique Well #:	507072	County:	HENNEPIN
Township:	29	Section:	11
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	CBA	Locator:	Not Reported
Location Method:	Not Reported	Depth Completed (in Ft.):	21
7.5 Minute Quadrangle:	120D	Date drilled:	10/11/1989
Depth Drilled (in Ft.):	23	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	SUPERAMERICA	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:		M0054	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	8
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Tanks		
Potential Pollution Source Distance (in Ft.):	60		
Potential Pollution Source Direction:	E		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:	Not Reported		
Indicator that an entry for this well exists in the State Water Use Data System:	Not Reported		
Data exist for this well in the PCA Integrated Ground-Water Information System:	Not Reported		
Indicator of the availability of cuttings, core or downhole geophysical data for this well:	Not Reported		
Indicator of the existence of a digitized UTM location for this well:	Not Reported		

Well Address Information:

Well Address: 320 LOWRY AV NE
MINNEAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 1240 98TH ST W
BLOOMINGTON, MN 55431

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	14	Date Static Level measured:	10/17/1989
Static Water Level Data Source/Driller's License #:	M0054		

Remarks:

B.S. WRIGHTS ADDITION, BLOCK 16, LOT 1 & 2
MW 2

Q86
NW
1/2 - 1 Mile
Lower

MN WELLS 3027507073

Principal Well Information:

Unique Well #:	507073	County:	HENNEPIN
Township:	29	Section	11
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	CBA	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	22
7.5 Minute Quadrangle:	120D	Date drilled:	10/12/1989
Depth Drilled (in Ft.):	24	Date of Last Update:	11/30/1992
Status:	Active		
Geographic Coordinates Method:			Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Name:	SUPERAMERICA	Owner's Name:	Not Reported
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:		M0054	
Casing Diam (in):	2	Depth Cased (in Ft.):	12
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:		Not Reported	
Potential Pollution Source Type:		Tanks	
Potential Pollution Source Distance (in Ft.):		30	
Potential Pollution Source Direction:		W	
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 320 LOWRY AV NE
MINNEAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 1240 98TH ST W
BLOOMINGTON, MN 55431

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	17	Date Static Level measured:	10/17/1989
Static Water Level Data Source/Driller's License #:		M0054	

Remarks:

B.S. WRIGHTS ADDITION, BLOCK 16, LOT 1 & 2
MW 3

Q87
NW
1/2 - 1 Mile
Lower

MN WELLS 3027461033

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Principal Well Information:

Unique Well #:	461033	County:	HENNEPIN
Township:	29	Section	11
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	CBA	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	23
7.5 Minute Quadrangle:	120D	Date drilled:	05/02/1990
Depth Drilled (in Ft.):	23	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	SUPERAMERICA	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	M0024	
Data Source/Driller's License #:		Depth Cased (in Ft.):	13
Casing Diam (in):	2	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	Not Reported	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	Not Reported	Well Grouted ?:	Yes
DNR Application #:	Not Reported	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 320 LOWERY AV N
MINNEAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 1240 98TH ST W
BLOOMINGTON, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	19	Date Static Level measured:	05/02/1990
Static Water Level Data Source/Driller's License #:		M0024	

Q88
NW
1/2 - 1 Mile
Lower

MN WELLS 3027507071

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Principal Well Information:

Unique Well #:	507071	County:	HENNEPIN
Township:	29	Section	11
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	CBA	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	23
7.5 Minute Quadrangle:	120D	Date drilled:	10/11/1989
Depth Drilled (in Ft.):	23	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	SUPERAMERICA	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	M0054	
Data Source/Driller's License #:		Depth Cased (in Ft.):	13
Casing Diam (in):	2	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	Not Reported	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	Not Reported	Well Grouted ?:	Yes
DNR Application #:	Not Reported	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Tanks		
Potential Pollution Source Distance (in Ft.):	90		
Potential Pollution Source Direction:	NE		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 320 LOWRY AV NE
MINNEAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 1240 98TH ST W
BLOOMINGTON, MN 55431

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	17	Date Static Level measured:	10/17/1989
Static Water Level Data Source/Driller's License #:		M0054	

Remarks:

B.S. WRIGHTS ADDITION, BLOCK 16, LOT 1 & 2
MW 1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

89	Site ID:	9296		
SE	Groundwater Flow:	Not Reported	AQUIFLOW	25111
1/2 - 1 Mile	Shallow Water Depth:	10.5		
Higher	Deep Water Depth:	11.5		
	Average Water Depth:	Not Reported		
	Date:	04/16/1997		

R90			MN WELLS	3027443197
WNW				
1/2 - 1 Mile				
Lower				

Principal Well Information:

Unique Well #:	443197	County:	HENNEPIN
Township:	29	Section	11
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	CBC	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	61
7.5 Minute Quadrangle:	120D	Date drilled:	05/26/1988
Depth Drilled (in Ft.):	61	Date of Last Update:	09/07/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	CITY OF MINNEAPOLIS	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	Not Reported	
Data Source/Driller's License #:		Depth Cased (in Ft.):	50
Casing Diam (in):	2	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	Not Reported	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	Not Reported	Well Grouted ?:	Yes
DNR Application #:	Not Reported	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Owner/Contact Address Information:

Owner's Address: CITY HALL
MINNEAPOLIS, MN

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count: Not Reported
Coliform Sampling Date: Not Reported
Colif. Analys. Reliability: Not Reported
Nitrate Count (mg/l): Not Reported
Nitrate Sampling Date: Not Reported
Nit. Analys. Reliability: Not Reported
Static Water Lev. (in Ft.): 32
Static Water Level Data Source/Driller's License #:

Detection Limit Flag: Not Reported
Coliform Analysis Source: Not Reported
Bacteria Analysis Technique: Not Reported
Nitrate Detection Limit Flag: Not Reported
Nitrate Analysis Source: Not Reported
Nit. Analysis Technique: Not Reported
Date Static Level measured: 06/14/1988
Not Reported

Remarks:

140' W. OF INTERSECITON OF 19TH AVE. NE
WELL 1003

R91
WNW
1/2 - 1 Mile
Lower

MN WELLS 3027443198

Principal Well Information:

Unique Well #: 443198
Township: 29
Range: 24
Subsection: CBC
Location Method: Not Reported
7.5 Minute Quadrangle: 120D
Depth Drilled (in Ft.): 56
Status: Active
Geographic Coordinates Method:
Well Name: CITY OF MINNEAPOLIS
Local Identifier: Not Reported
Data Source/Driller's License #:
Casing Diam (in): 2
Permit #: Not Reported
First Bedrock: Not Reported
Open Interval-Top: Not Reported
DNR Application #: Not Reported
Well Sealed?: Not Reported
Aquifer: Not Reported
Depth to Bedrock (Ft.): Not Reported
Any other Unused, Abandoned Well on Property?:
Potential Pollution Source Type:
Potential Pollution Source Distance (in Ft.):
Potential Pollution Source Direction:
Use: Monitor Well
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base:
Indicator that an entry for this well exists in the State Water Use Data System:
Data exist for this well in the PCA Integrated Ground-Water Information System:
Indicator of the availability of cuttings, core or downhole geophysical data for this well:
Indicator of the existence of a digitized UTM location for this well:

County: HENNEPIN
Section: 11
Elevation (in Ft.): Not Reported
Locator: Not Reported
Depth Completed (in Ft.): 56
Date drilled: 05/31/1988
Date of Last Update: 09/07/1995
Not Reported
Owner's Name: Not Reported
Local Identifier Type: Not Reported
M0019
Depth Cased (in Ft.): 45
Permit Type: Not Reported
Wellhead Protection Area: Not Reported
Open Interval-Bottom Unit: Not Reported
Well Grouted?: Yes
Date Well Abandoned: Not Reported

Not Reported
Not Reported
Not Reported
Not Reported

Owner/Contact Address Information:

Owner's Address: CITY HALL
MINNEAPOLIS, MN

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count: Not Reported
Coliform Sampling Date: Not Reported
Colif. Analys. Reliability: Not Reported
Nitrate Count (mg/l): Not Reported
Nitrate Sampling Date: Not Reported
Nit. Analys. Reliability: Not Reported
Static Water Lev. (in Ft.): 34
Static Water Level Data Source/Driller's License #:

Detection Limit Flag: Not Reported
Coliform Analysis Source: Not Reported
Bacteria Analysis Technique: Not Reported
Nitrate Detection Limit Flag: Not Reported
Nitrate Analysis Source: Not Reported
Nit. Analysis Technique: Not Reported
Date Static Level measured: 06/14/1988
M0019

Remarks:

440' N. OF MAIN ST. NE & 19TH AVE. NE
WELL 1002

Q92 NW 1/2 - 1 Mile Lower	Site ID:	1252		
	Groundwater Flow:	SE	AQUIFLOW	29380
	Shallow Water Depth:	15.9		
	Deep Water Depth:	22		
	Average Water Depth:	Not Reported		
	Date:	12/1989		

93 SW 1/2 - 1 Mile Lower	Site ID:	7237		
	Groundwater Flow:	SE	AQUIFLOW	36184
	Shallow Water Depth:	38.22		
	Deep Water Depth:	43.67		
	Average Water Depth:	Not Reported		
	Date:	06/05/1995		

S94 West 1/2 - 1 Mile Lower		MN WELLS	3027449832
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Principal Well Information:

Unique Well #: 449832
Township: 29
Range: 24
Subsection: DDD
Location Method: Not Reported
7.5 Minute Quadrangle: 120D
Depth Drilled (in Ft.): 18
Status: Active
Geographic Coordinates Method:
Well Name: JAYE TRUAX & CO.
Local Identifier: Not Reported
Data Source/Driller's License #:

County: HENNEPIN
Section: 10
Elevation (in Ft.): Not Reported
Locator: Not Reported
Depth Completed (in Ft.): 16
Date drilled: 07/19/1989
Date of Last Update: 12/01/1992
Not Reported
Owner's Name: Not Reported
Local Identifier Type: Not Reported
12436

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	11
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 1901 GRAND ST NE
MINNEAPOLIS, MN 55412

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	11	Date Static Level measured:	08/16/1989
Static Water Level Data Source/Driller's License #:			12436

S95
West
1/2 - 1 Mile
Lower

MN WELLS 3027449833

Principal Well Information:

Unique Well #:	449833	County:	HENNEPIN
Township:	29	Section	10
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DDD	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	15
7.5 Minute Quadrangle:	120D	Date drilled:	07/18/1989
Depth Drilled (in Ft.):	17	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	JAYE TRUAX & CO.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			12436

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	10
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:	Not Reported		
Indicator that an entry for this well exists in the State Water Use Data System:	Not Reported		
Data exist for this well in the PCA Integrated Ground-Water Information System:	Not Reported		
Indicator of the availability of cuttings, core or downhole geophysical data for this well:	Not Reported		
Indicator of the existence of a digitized UTM location for this well:	Not Reported		

Well Address Information:

Well Address: 1901 GRAND ST NE
MINNEAPOLIS, MN 55412

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	13	Date Static Level measured:	08/16/1989
Static Water Level Data Source/Driller's License #:			12436

S96
West
1/2 - 1 Mile
Lower

MN WELLS 3027449830

Principal Well Information:

Unique Well #:	449830	County:	HENNEPIN
Township:	29	Section	10
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DDD	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	16
7.5 Minute Quadrangle:	120D	Date drilled:	08/03/1989
Depth Drilled (in Ft.):	16	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	Not Reported	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			12436

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	11
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 1901 GRAND ST NE
MINNEAPOLIS, MN 55412

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	12	Date Static Level measured:	08/16/1989
Static Water Level Data Source/Driller's License #:			12436

S97
West
1/2 - 1 Mile
Lower

MN WELLS 3027449831

Principal Well Information:

Unique Well #:	449831	County:	HENNEPIN
Township:	29	Section	10
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DDD	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	16
7.5 Minute Quadrangle:	120D	Date drilled:	07/20/1989
Depth Drilled (in Ft.):	16	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	JAYE TRUAX & CO.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			12436

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	11
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 1901 GRAND ST NE
MINNEAPOLIS, MN 55412

S98
West
1/2 - 1 Mile
Lower

MN WELLS 3027449829

Principal Well Information:

Unique Well #:	449829	County:	HENNEPIN
Township:	29	Section	10
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DDD	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	16
7.5 Minute Quadrangle:	120D	Date drilled:	07/26/1989
Depth Drilled (in Ft.):	16	Date of Last Update:	09/07/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	JAYE TRUAX & CO.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			
Casing Diam (in):	2	Depth Cased (in Ft.):	11
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Monitor Well
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: 1901 GRAND ST NE
MINNEAPOLIS, MN 55412

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	13	Date Static Level measured:	08/16/1989
Static Water Level Data Source/Driller's License #:	12436		

T99
South
1/2 - 1 Mile
Higher

MN WELLS 3027452676

Principal Well Information:

Unique Well #:	452676	County:	HENNEPIN
Township:	29	Section	14
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DDB	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	117
7.5 Minute Quadrangle:	104A	Date drilled:	09/11/1986
Depth Drilled (in Ft.):	120	Date of Last Update:	02/05/1993
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	OHBAYASHI INC.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	27118	
Data Source/Driller's License #:		Depth Cased (in Ft.):	Not Reported
Casing Diam (in):	Not Reported	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	Not Reported	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	Not Reported	Well Grouted ?:	Not Reported
DNR Application #:	Not Reported	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Other
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: Not Reported

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	54	Date Static Level measured:	09/11/1986
Static Water Level Data Source/Driller's License #:			27118

Remarks:

INTERSECTION OF 5TH ST. NE & 4TH AVE. NE

T100
South
1/2 - 1 Mile
Higher

MN WELLS 3027473475

Principal Well Information:

Unique Well #:	473475	County:	HENNEPIN
Township:	29	Section	14
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DDB	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	70
7.5 Minute Quadrangle:	103B	Date drilled:	03/30/1991
Depth Drilled (in Ft.):	70	Date of Last Update:	09/07/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	GENERAL MILLS INC.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			71536
Casing Diam (in):	2	Depth Cased (in Ft.):	68
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Monitor Well
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: 807 BROADWAY ST
MINNEAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 1201 JACKSON ST NE
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	63	Date Static Level measured:	03/30/1991
Static Water Level Data Source/Driller's License #:			71536

Remarks:

MW 7

T101
South
1/2 - 1 Mile
Higher

MN WELLS 3027474420

Principal Well Information:

Unique Well #:	474420	County:	HENNEPIN
Township:	29	Section:	14
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DDB	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	22
7.5 Minute Quadrangle:	119C	Date drilled:	03/20/1991
Depth Drilled (in Ft.):	22	Date of Last Update:	09/07/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	GENERAL MILLS	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			71536
Casing Diam (in):	2	Depth Cased (in Ft.):	12
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Monitor Well
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: 1201 JACKSON ST NE
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	15	Date Static Level measured:	03/21/1991
Static Water Level Data Source/Driller's License #:			71536

Remarks:

MW 15

T102
South
1/2 - 1 Mile
Higher

MN WELLS 3027473476

Principal Well Information:

Unique Well #:	473476	County:	HENNEPIN
Township:	29	Section	14
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DDB	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	22
7.5 Minute Quadrangle:	103B	Date drilled:	03/29/1991
Depth Drilled (in Ft.):	22	Date of Last Update:	09/07/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	GENERAL MILLS INC.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			71536
Casing Diam (in):	2	Depth Cased (in Ft.):	9
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:		No	
Potential Pollution Source Type:		Not Reported	
Potential Pollution Source Distance (in Ft.):		Not Reported	
Potential Pollution Source Direction:		Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Monitor Well
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: 807 BROADWAY ST NE
MINNAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 1201 JACKSON ST N
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	Not Reported	Date Static Level measured:	03/29/1991
Static Water Level Data Source/Driller's License #:			71536

Remarks:

MW 5

P103
SSW
1/2 - 1 Mile
Lower

MN WELLS 3027512177

Principal Well Information:

Unique Well #:	512177	County:	HENNEPIN
Township:	29	Section	14
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	CDA	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	120
7.5 Minute Quadrangle:	104A	Date drilled:	02/26/1990
Depth Drilled (in Ft.):	120	Date of Last Update:	02/05/1993
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	CITY OF MINNEAPOLIS	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:		27118	
Casing Diam (in):	16	Depth Cased (in Ft.):	50
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Other
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: Not Reported

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	54	Date Static Level measured:	02/26/1990
Static Water Level Data Source/Driller's License #:			27118

Remarks:

INTERSECTION 5TH ST. NE & 5TH AVE. NE
MCNALLY CONST. & TUNNELING
WELL 3

S104 West 1/2 - 1 Mile Lower	Site ID:	1852	AQUIFLOW	30065
	Groundwater Flow:	NW		
	Shallow Water Depth:	9.0		
	Deep Water Depth:	13.1		
	Average Water Depth:	Not Reported		
	Date:	02/28/1992		

S105 West 1/2 - 1 Mile Lower	Site ID:	1478	AQUIFLOW	28810
	Groundwater Flow:	Varies		
	Shallow Water Depth:	11.5 Feet		
	Deep Water Depth:	12.8 Feet		
	Average Water Depth:	Not Reported		
	Date:	10/1989		

U106 NNW 1/2 - 1 Mile Higher	MN WELLS	3027444203
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Principal Well Information:

Unique Well #:	444203	County:	HENNEPIN
Township:	29	Section	11
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	BDB	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	21
7.5 Minute Quadrangle:	120D	Date drilled:	02/02/1988
Depth Drilled (in Ft.):	26	Date of Last Update:	12/01/1992
Status:	Active		
Geographic Coordinates Method:			Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Name:	IMPERIAL 400 NATIONAL	Owner's Name:	Not Reported
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:		M0055	
Casing Diam (in):	2	Depth Cased (in Ft.):	11
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Tanks		
Potential Pollution Source Distance (in Ft.):	90		
Potential Pollution Source Direction:	NE		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 2520 UNIVERSITY AV
MINNEAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 1000 WILSON SUITE 820 BL
ARLINGTON,VA, MN 22209

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	13	Date Static Level measured:	03/08/1988
Static Water Level Data Source/Driller's License #:		M0055	

Remarks:

PROTECTIVE CASING AND BUMPER POSTS INSTALLED.
TCT WELL ID # 4231 88-160, MW-3. PROJECT MANAGER IS ROBIN F WHITAKER.

107
SE
1/2 - 1 Mile
Higher

FED USGS 445949093142801

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1966	County:	Hennepin
Altitude:	841.00 ft.	State:	Minnesota
Well Depth:	41.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	26.00 ft.	Prim. Use of Site:	Test
Date Measured:	12151966	Prim. Use of Water:	Unused

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

V108

SSE

1/2 - 1 Mile

Higher

MN WELLS

2020088127

Principal Well Information:

Unique Well #:	200881	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	837
Subsection:	CCBDBA	Locator:	MGS
Location Method	Not Reported	Depth Completed (in Ft.):	1069
7.5 Minute Quadrangle:	103B	Date drilled:	07/14/1928
Depth Drilled (in Ft.):	1069	Date of Last Update:	09/11/1991
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	MPLS. JUNCTION NO. 2	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:		27022	
Casing Diam (in):	10	Depth Cased (in Ft.):	824
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	OPVL	Wellhead Protection Area:	Not Reported
Open Interval-Top:	CMTS	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Not Reported
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	MT.SIMON		
Depth to Bedrock (Ft.):	37		
Any other Unused, Abandoned Well on Property ?:		Not Reported	
Potential Pollution Source Type:		Not Reported	
Potential Pollution Source Distance (in Ft.):		Not Reported	
Potential Pollution Source Direction:		Not Reported	
Use:	Industrial		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:		Not Reported	
Indicator that an entry for this well exists in the State Water Use Data System:		Not Reported	
Data exist for this well in the PCA Integrated Ground-Water Information System:		Not Reported	
Indicator of the availability of cuttings, core or downhole geophysical data for this well:		Not Reported	
Indicator of the existence of a digitized UTM location for this well:		Not Reported	

Well Address Information:

Well Address: Not Reported
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	22	Date Static Level measured:	09/18/1944
Static Water Level Data Source/Driller's License #:		Not Reported	

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	09/11/1991

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Address Information:

Well Address: 2808 JOHNSON ST NE
MPLS., MN

Geologic Information:

Geologic Interp. Method:	Not Reported
Geologic Interpretation Source:	Not Reported
Geologist Responsible:	Not Reported
Date of Last Update:	09/11/1991

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:	Not Reported	Casing Installation:	Single Casing
Any Drive Shoe:	Not Reported		
Diameter of the largest Casing Set (in inches):	5		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	8		
Diameter of the 2nd largest Casing Set (in.):	Not Reported		
Depth to the Top of the 2nd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	Not Reported		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	Not Reported		
Depth to Bottom of uncased Interval in Ft. (if not screened):	Not Reported		
Any Screen present:	Yes	Screen Type:	Galvanized
Screen Make:	JOHNSON	Screen Diameter (in inches):	4
1st Screen Slot/Gauze:	20	1st Screen length:	10
1st Screen Depth to Top:	8	1st Screen Depth to Bottom:	10
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported

Driller's/Geologic Log Information:

Description of Geologic Materials:	CLAY
Depth to the Top of measured Interval (in Ft.):	Not Reported
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	FILL
Secondary Lithography:	CLAY
Minor Lithography:	Not Reported
Color of Geo. Materials:	GREEN
Stratigraphic Unit:	Holocene Deposits

GEOCHECK®--PHYSICAL SETTING SOURCE MAP FINDINGS

Description of Geologic Materials: CLAY SILT
Depth to the Top of measured Interval (in Ft.): 4
Hardness of Geologic Materials: Not Reported
Interpreted Primary Lithography: CLAY
Secondary Lithography: SILT
Minor Lithography: Not Reported
Color of Geo. Materials: RED
Stratigraphic Unit: Pleistocene,materials undifferentiated or sorting unknown,red

Description of Geologic Materials: SAND
Depth to the Top of measured Interval (in Ft.): 15
Hardness of Geologic Materials: Not Reported
Interpreted Primary Lithography: SAND
Secondary Lithography: Not Reported
Minor Lithography: Not Reported
Color of Geo. Materials: Not Reported
Stratigraphic Unit: Pleistocene,sand,materials undifferentiated or sorting unknown,color unknown or unspecified

135	Site ID:	2595	AQUIFLOW	29364
NW	Groundwater Flow:	Not Reported		
1/2 - 1 Mile	Shallow Water Depth:	7		
Lower	Deep Water Depth:	8		
	Average Water Depth:	Not Reported		
	Date:	10/22/1991		

AA136
WNW
1/2 - 1 Mile
Lower
MN WELLS **2024063227**

Principal Well Information:

Unique Well #:	240632	County:	HENNEPIN
Township:	29	Section	10
Range:	24	Elevation (in Ft.):	826
Subsection:	DDBBDC	Locator:	MGS
Location Method	Info. from Owner	Depth Completed (in Ft.):	575
7.5 Minute Quadrangle:	120D	Date drilled:	Not Reported
Depth Drilled (in Ft.):	575	Date of Last Update:	10/11/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	GLUEK BREWERY SOUTH WELL	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	Not Reported	
Data Source/Driller's License #:		Depth Cased (in Ft.):	208
Casing Diam (in):	10	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	OPDC	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	OPDC	Well Grouted ?:	Not Reported
DNR Application #:	Not Reported	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	MULTIPLE AQUIFER		
Depth to Bedrock (Ft.):	180		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Industrial
Elevation Method: 7.5-minute Topographic Map (+ or - 5 Feet)
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Downhole Geophysics
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: Not Reported
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	17	Date Static Level measured:	10/09/1987
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	10/11/1995

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:			Not Reported
Any Drive Shoe:	Not Reported	Casing Installation:	Telescoping
Diameter of the largest Casing Set (in inches):	16		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	76		
Diameter of the 2nd largest Casing Set (in.):	12		
Depth to the Top of the 2nd largest Casing Set (Ft.):	76		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	160		
Diameter of the 3rd largest Casing Set (in.):	10		
Depth to Top of the 3rd largest Casing Set (Ft.):	160		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	208		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	208		
Depth to Bottom of uncased Interval in Ft. (if not screened):	575		
Any Screen present:	No	Screen Type:	Not Reported
Screen Make:	Not Reported	Screen Diameter (in inches):	Not Reported
1st Screen Slot/Gauze:	Not Reported	1st Screen length:	Not Reported
1st Screen Depth to Top:	Not Reported	1st Screen Depth to Bottom:	Not Reported
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller's/Geologic Log Information:

Description of Geologic Materials:	GLACIAL DRIFT
Depth to the Top of measured Interval (in Ft.):	0
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	DRIFT
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLEISTOCENE UNDIFF.

Description of Geologic Materials:	PRAIRIE DU CHIEN GROUP
Depth to the Top of measured Interval (in Ft.):	180
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	DOLOMITE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PRAIRIE DU CHIEN GROUP

Description of Geologic Materials:	JORDAN SANDSTONE
Depth to the Top of measured Interval (in Ft.):	291
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SANDSTONE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	JORDAN

Description of Geologic Materials:	ST. LAWRENCE FORMATION
Depth to the Top of measured Interval (in Ft.):	376
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	DOLOMITE
Secondary Lithography:	SILTSTONE
Minor Lithography:	SHALE
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	ST. LAWRENCE

Remarks:

CASING: 16 TO 76; 12 TO 160; 10 TO 208.
GAMMA LOGGED AND TV. WELL TO BE ABANDONED

AA137
WNW
1/2 - 1 Mile
Lower

MN WELLS 3027439817

Principal Well Information:

Unique Well #:	439817	County:	HENNEPIN
Township:	29	Section	10
Range:	24	Elevation (in Ft.):	822
Subsection:	DDBBDB	Locator:	MGS
Location Method	Other	Depth Completed (in Ft.):	164
7.5 Minute Quadrangle:	120D	Date drilled:	12/23/1987
Depth Drilled (in Ft.):	164	Date of Last Update:	10/11/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Name:	GLUCK PARK MPLS. PARK B.	Owner's Name:	Not Reported
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:			71015
Casing Diam (in):	4	Depth Cased (in Ft.):	156
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	QGUU	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Permanently Sealed	Date Well Abandoned:	Not Reported
Aquifer:	Pleistocene		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Yes		
Potential Pollution Source Type:	Septic Tank/Drain Field		
Potential Pollution Source Distance (in Ft.):	115		
Potential Pollution Source Direction:	E		
Use:	Pub. Supply / Non-community		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Cuttings
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 2104 MARSHALL ST NE
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	29	Date Static Level measured:	12/23/1987
Static Water Level Data Source/Driller's License #:			71015

Geologic Information:

Geologic Interp. Method:	Interpreted in Context of Geologic Study between 1:24,000 and 1:100,000		
Geologic Interpretation Source:	Minn. Geological Survey		
Geologist Responsible:	BB	Date of Last Update:	10/11/1995

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drilling/Casing Information:

Drilling Method:	Non-specified Rotary	Drilling Fluid:	Bentonite
Casing Material:	Steel (Black or Low Carbon)	Casing Jointing:	Threaded
Casing Top to Ground Surface Distance:	1		
Any Drive Shoe:	Yes	Casing Installation:	Step-down
Diameter of the largest Casing Set (in inches):	12		
Depth to the Top of the largest Casing Set (Ft.):	0		
Depth to the Bottom of the largest Casing Set (Ft.):	22		
Diameter of the 2nd largest Casing Set (in.):	4		
Depth to the Top of the 2nd largest Casing Set (Ft.):	0		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	156		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	Not Reported		
Depth to Bottom of uncased Interval in Ft. (if not screened):	Not Reported		
Any Screen present:	Yes	Screen Type:	Stainless Steel
Screen Make:	JOHNSON 304	Screen Diameter (in inches):	4
1st Screen Slot/Gauze:	18	1st Screen length:	13
1st Screen Depth to Top:	156	1st Screen Depth to Bottom:	164
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported

Pumpage Test/Driller Information:

Static Water Lev. (in Ft.):	29	Date Tested:	12/23/1987
1st Test Time (Hrs):	3	1st Test Pumpage (Gal/min):	40
2nd Test Time (Hrs):	3	2nd Test Pumpage (Gal/min):	50
3rd Test Time (Hrs):	Not Reported	3rd Test Pumpage (Gal/min):	Not Reported
Driller's Name:	Not Reported		
Water Level after 1st Pumping Test (in Ft.):	38		
Water Level after 2nd Pumping Test (in Ft.):	41		
Water Level after 3rd Pumping Test (in Ft.):	Not Reported		

Well Completion/Grout Information:

Pitless Adaptor Make:	Not Reported	Pitless Adaptor Model:	Not Reported
Any Basement Offset:	No	Is Casing 1 Ft. Above Ground:	Yes
Grout 1 Material:	Neat Cement	Grout 1 Material:	3
Grout 1 Top Depth:	0	Grout 1 Bottom Depth:	156
Grout 2 Material:	Not Reported	Grout 2 Material:	Not Reported
Grout 2 Top Depth:	Not Reported	Grout 2 Bottom Depth:	Not Reported
Grout 3 Material:	Not Reported	Grout 3 Material:	Not Reported
Grout 3 Top Depth:	Not Reported	Grout 3 Bottom Depth:	Not Reported
Any Plastic Casing Protection:			No

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Pump Information:

Any Pump installed:	Yes	Pump Type:	Other
Date Pump installed:	198801	Pump Manufacturer:	MONITOR
Pump Model:	11HD FOUNTAIN	Pump Horsepower:	Not Reported
Pump Voltage:	Not Reported	Capacity:	2
Drop Pipe Length (in Ft.):	42	Drop Pipe Material:	Not Reported

Driller's/Geologic Log Information:

Description of Geologic Materials:	FILL
Depth to the Top of measured Interval (in Ft.):	0
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	FILL
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	MIXED
Stratigraphic Unit:	Holocene Deposits
Description of Geologic Materials:	SAND + GRAVEL
Depth to the Top of measured Interval (in Ft.):	10
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SAND
Secondary Lithography:	GRAVEL
Minor Lithography:	Not Reported
Color of Geo. Materials:	BRN-WHT
Stratigraphic Unit:	Pleistocene, sand + gravel, materials undifferentiated or sorting unknown, color unknown or unspecified
Description of Geologic Materials:	CLAY
Depth to the Top of measured Interval (in Ft.):	20
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	CLAY
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	GRAY
Stratigraphic Unit:	Pleistocene, clay, materials undifferentiated or sorting unknown, gray
Description of Geologic Materials:	CLAY + GRAVEL
Depth to the Top of measured Interval (in Ft.):	80
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	CLAY
Secondary Lithography:	GRAVEL
Minor Lithography:	Not Reported
Color of Geo. Materials:	GRAY
Stratigraphic Unit:	Pleistocene, clay + sand + silt - pebbly, materials undifferentiated or sorting unknown, gray

Remarks:

GLUCK PARK

AA138
WNW
1/2 - 1 Mile
Lower

MN WELLS 2024014527

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**Principal Well Information:**

Unique Well #:	240145	County:	HENNEPIN
Township:	29	Section	10
Range:	24	Elevation (in Ft.):	826
Subsection:	DDBBAC	Locator:	MGS
Location Method	Info. from Owner	Depth Completed (in Ft.):	540
7.5 Minute Quadrangle:	120D	Date drilled:	Not Reported
Depth Drilled (in Ft.):	540	Date of Last Update:	10/11/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	GLUEK BREWERY NORTH WELL	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	Not Reported	
Data Source/Driller's License #:		Depth Cased (in Ft.):	184
Casing Diam (in):	12	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	OPDC	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	OPDC	Well Grouted ?:	Not Reported
DNR Application #:	Not Reported	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	MULTIPLE AQUIFER		
Depth to Bedrock (Ft.):	180		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Industrial		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Downhole Geophysics
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: Not Reported
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	28	Date Static Level measured:	10/09/1987
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	10/11/1995

GEOCHECK® PHYSICAL SETTING SOURCE MAP FINDINGS

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Telescoping
Diameter of the largest Casing Set (in inches):	16		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	63		
Diameter of the 2nd largest Casing Set (in.):	12		
Depth to the Top of the 2nd largest Casing Set (Ft.):	63		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	184		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	184		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	184		
Depth to Bottom of uncased Interval in Ft. (if not screened):	540		
Any Screen present:	No	Screen Type:	Not Reported
Screen Make:	Not Reported	Screen Diameter (in inches):	Not Reported
1st Screen Slot/Gauze:	Not Reported	1st Screen length:	Not Reported
1st Screen Depth to Top:	Not Reported	1st Screen Depth to Bottom:	Not Reported
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported

Driller's/Geologic Log Information:

Description of Geologic Materials:	GLACIAL DRIFT
Depth to the Top of measured Interval (in Ft.):	0
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	DRIFT
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLEISTOCENE UNDIFF.
Description of Geologic Materials:	PRAIRIE DU CHIEN DOLOMITE
Depth to the Top of measured Interval (in Ft.):	180
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	DOLOMITE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PRAIRIE DU CHIEN GROUP

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description of Geologic Materials:
Depth to the Top of measured Interval (in Ft.):
Hardness of Geologic Materials:
Interpreted Primary Lithography:
Secondary Lithography:
Minor Lithography:
Color of Geo. Materials: Not Reported
Stratigraphic Unit: JORDAN

Description of Geologic Materials:
Depth to the Top of measured Interval (in Ft.):
Hardness of Geologic Materials:
Interpreted Primary Lithography:
Secondary Lithography:
Minor Lithography:
Color of Geo. Materials: Not Reported
Stratigraphic Unit: ST.LAWRENCE

NON RESPONSIVE

NON RESPONSIVE

Remarks:

NON RESPONSIVE

AA139
WNW
1/2 - 1 Mile
Lower

MN WELLS 3027470455

Principal Well Information:

Unique Well #: 470455
Township: 29
Range: 24
Subsection: DAC
Location Method: Not Reported
7.5 Minute Quadrangle: 120D
Depth Drilled (in Ft.): 23
Status: Active
Geographic Coordinates Method:

County: HENNEPIN
Section: 10
Elevation (in Ft.): Not Reported
Locator: Not Reported
Depth Completed (in Ft.): 23
Date drilled: 08/31/1990
Date of Last Update: 09/07/1995
Not Reported

NON RESPONSIVE

Local Identifier: Not Reported
Data Source/Driller's License #: 62573
Casing Diam (in): 2
Permit #: Not Reported
First Bedrock: Not Reported
Open Interval-Top: Not Reported
DNR Application #: Not Reported
Well Sealed?: Not Reported
Aquifer: Not Reported
Depth to Bedrock (Ft.): Not Reported
Any other Unused, Abandoned Well on Property?: Not Reported
Potential Pollution Source Type: Not Reported
Potential Pollution Source Distance (in Ft.): Not Reported
Potential Pollution Source Direction: Not Reported

Owner's Name: Not Reported
Local Identifier Type: Not Reported
62573
Depth Cased (in Ft.): 13
Permit Type: Not Reported
Wellhead Protection Area: Not Reported
Open Interval-Bottom Unit: Not Reported
Well Grouted?: Yes
Date Well Abandoned: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Monitor Well
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: 2800 2ND ST N
MINNEAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 5353 GAMBLE #310 DR
MINNEAPOLIS, MN 55416

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	16	Date Static Level measured:	08/31/1990
Static Water Level Data Source/Driller's License #:			62573

Remarks:

MW 5

AA140
WNW
1/2 - 1 Mile
Lower

MN WELLS 3027465336

Principal Well Information:

Unique Well #:	465336	County:	HENNEPIN
Township:	29	Section	10
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DAC	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	35
7.5 Minute Quadrangle:	120D	Date drilled:	04/26/1990
Depth Drilled (in Ft.):	35	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	THE CHASE CO.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			62573
Casing Diam (in):	2	Depth Cased (in Ft.):	17
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Monitor Well
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: 2800 2ND ST N
MINNEAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 5353 GAMBLE #310 DR
MINNEAPOLIS, MN 55416

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	22	Date Static Level measured:	04/26/1990
Static Water Level Data Source/Driller's License #:			62573

Remarks:

MW 4

AA141
WNW
1/2 - 1 Mile
Lower

MN WELLS 3027443199

Principal Well Information:

Unique Well #:	443199	County:	HENNEPIN
Township:	29	Section	10
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	DAC	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	51
7.5 Minute Quadrangle:	120D	Date drilled:	06/11/1988
Depth Drilled (in Ft.):	51	Date of Last Update:	09/07/1995
Status:	Active	Geographic Coordinates Method:	Not Reported
Well Name:	CITY OF MINNEAPOLIS	Owner's Name:	Not Reported
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:			M0019
Casing Diam (in):	2	Depth Cased (in Ft.):	41
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Monitor Well
Elevation Method: Not Reported
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Owner/Contact Address Information:

Owner's Address: CITY HALL
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	17	Date Static Level measured:	06/14/1988
Static Water Level Data Source/Driller's License #:			M0019

Remarks:

45' N. OF MARSHALL ST. NE & 22ND AVE. NE
WELL 1001

AC142 ESE 1/2 - 1 Mile Higher	Site ID:	1008		
	Groundwater Flow:	Not Reported	AQUIFLOW	23682
	Shallow Water Depth:	32		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	04/08/1994		

AC143 ESE 1/2 - 1 Mile Higher	MN WELLS	3027519158
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Principal Well Information:

Unique Well #:	519158	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	28
7.5 Minute Quadrangle:	Not Reported	Date drilled:	12/08/1992
Depth Drilled (in Ft.):	40	Date of Last Update:	05/30/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	SEWALL, BARRY
Well Name:	MW-7	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			M0054

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	13
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Tanks		
Potential Pollution Source Distance (in Ft.):	75		
Potential Pollution Source Direction:	E		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 2001 BROADWAY ST NE

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	17	Date Static Level measured:	12/08/1992
Static Water Level Data Source/Driller's License #:			M0054

Remarks:

MW-7

AC144
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027527434

Principal Well Information:

Unique Well #:	527434	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	31
7.5 Minute Quadrangle:	Not Reported	Date drilled:	07/15/1993
Depth Drilled (in Ft.):	32	Date of Last Update:	05/30/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	C.B. INST. FUND III
Well Name:	MW-4	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			27653

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	21
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 1500 NEW BRIGHTON BL
MN 55413

Owner/Contact Address Information:

Owner's Address: 7760 FRANCE AV S
EDINA, MN 55435

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	24.0	Date Static Level measured:	07/15/1993
Static Water Level Data Source/Driller's License #:			27653

Remarks:

MW-4, JOB #440-1661,

AC145
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027527400

Principal Well Information:

Unique Well #:	527400	County:	HENNEPIN
Township:	29	Section:	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	28
7.5 Minute Quadrangle:	Not Reported	Date drilled:	06/07/1993
Depth Drilled (in Ft.):	32	Date of Last Update:	05/30/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	C.B. INST. FUND III
Well Name:	MW-3	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			27653

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	18
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 1500 NEW BRIGHTON BL
MN 55413

Owner/Contact Address Information:

Owner's Address: 7760 FRANCE AV S
EDINA, MN 55435

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	28.0	Date Static Level measured:	06/07/1993
Static Water Level Data Source/Driller's License #:			27653

Remarks:

MW-3, JOB #440-1624

AC146
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027446996

Principal Well Information:

Unique Well #:	446996	County:	HENNEPIN
Township:	29	Section:	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	29
7.5 Minute Quadrangle:	103B	Date drilled:	04/22/1988
Depth Drilled (in Ft.):	31	Date of Last Update:	02/05/1993
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	HOPKIN AGRI. CHEM. CO.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			M0070

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	Not Reported	Depth Cased (in Ft.):	Not Reported
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: Not Reported

Owner/Contact Address Information:

Owner's Address: BOX 7190
MADISON, WI, MN 53707

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	20	Date Static Level measured:	04/22/1988
Static Water Level Data Source/Driller's License #:			M0070

Remarks:

MW RF W-6

AC147
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027538836

Principal Well Information:

Unique Well #:	538836	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	40
7.5 Minute Quadrangle:	Not Reported	Date drilled:	03/01/1994
Depth Drilled (in Ft.):	45	Date of Last Update:	05/10/1995
Status:	Active		Not Reported
Geographic Coordinates Method:		Owner's Name:	CROWN COCO
Well Name:	MW-1	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			27058

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	30
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 1716 BROADWAY NE
MINNEAPOLIS, MN

Owner/Contact Address Information:

Owner's Address: 319 ULYSSES ST NE
MINNEAPOLIS, MN 55413

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	35	Date Static Level measured:	03/01/1994
Static Water Level Data Source/Driller's License #:			27058

Remarks:

MW-1, JOB #94-3725
MW-1, JOB #94-3725

AC148
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027527399

Principal Well Information:

Unique Well #:	527399	County:	HENNEPIN
Township:	29	Section:	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method:	Not Reported	Depth Completed (in Ft.):	31
7.5 Minute Quadrangle:	Not Reported	Date drilled:	06/07/1993
Depth Drilled (in Ft.):	32	Date of Last Update:	05/30/1995
Status:	Active		
Geographic Coordinates Method:			Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Name:	MW-2	Owner's Name:	C.B. INST. FUND III
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:			27653
Casing Diam (in):	2	Depth Cased (in Ft.):	20
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 1500 NEW BRIGHTON BL
MN 55413

Owner/Contact Address Information:

Owner's Address: 7760 FRANCE AV S
EDINA, MN 55435

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	23.5	Date Static Level measured:	06/07/1993
Static Water Level Data Source/Driller's License #:			27653

Remarks:

MW-2, JOB #440-1624

AC149
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027524087

Principal Well Information:

Unique Well #:	524087	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	23
7.5 Minute Quadrangle:	Not Reported	Date drilled:	03/22/1993
Depth Drilled (in Ft.):	23	Date of Last Update:	04/05/1995
Status:	Active		
Geographic Coordinates Method:			Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Name:	MW-2	Owner's Name:	NORTHWESTERN DRUG CO.
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:			27058
Casing Diam (in):	2	Depth Cased (in Ft.):	13
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 2001 KENNEDY ST
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	16.5	Date Static Level measured:	03/22/1993
Static Water Level Data Source/Driller's License #:			27058

Remarks:

MW-2, JOB #E-93-2590

AC150
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027524086

Principal Well Information:

Unique Well #:	524086	County:	HENNEPIN
Township:	29	Section:	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method:	Not Reported	Depth Completed (in Ft.):	22
7.5 Minute Quadrangle:	Not Reported	Date drilled:	03/22/1993
Depth Drilled (in Ft.):	23	Date of Last Update:	05/08/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	NORTHWESTERN DRUG CO.
Well Name:	MW-1	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			27058

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	13
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 2001 KENNEDY ST
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	16	Date Static Level measured:	03/22/1993
Static Water Level Data Source/Driller's License #:			27058

Remarks:

MW-1, JOB #E-92-2590

AC151
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027527398

Principal Well Information:

Unique Well #:	527398	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	27
7.5 Minute Quadrangle:	Not Reported	Date drilled:	06/04/1993
Depth Drilled (in Ft.):	30	Date of Last Update:	05/30/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	C.B. INST. FUND III
Well Name:	MW-1	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			27653

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	17
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 1500 NEW BRIGHTON BL
MN 55413

Owner/Contact Address Information:

Owner's Address: 7760 FRANCE AV S
EDINA, MN 55435

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	21.7	Date Static Level measured:	06/04/1993
Static Water Level Data Source/Driller's License #:			27653

Remarks:

MW-1, JOB #440-1624
MW-1, JOB #440-1624

AC152
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027524088

Principal Well Information:

Unique Well #:	524088	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	23
7.5 Minute Quadrangle:	Not Reported	Date drilled:	03/22/1993
Depth Drilled (in Ft.):	25	Date of Last Update:	05/08/1995
Status:	Active		
Geographic Coordinates Method:			Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Name:	MW-3	Owner's Name:	NORTHWESTERN DRUG CO.
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:			27058
Casing Diam (in):	2	Depth Cased (in Ft.):	13
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 2001 KENNEDY ST
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	16.5	Date Static Level measured:	03/22/1993
Static Water Level Data Source/Driller's License #:			27058

Remarks:

MW-3, JOB #E-92-2590

AC153
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027401878

Principal Well Information:

Unique Well #:	401878	County:	HENNEPIN
Township:	29	Section:	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method:	Not Reported	Depth Completed (in Ft.):	80
7.5 Minute Quadrangle:	103B	Date drilled:	05/01/1984
Depth Drilled (in Ft.):	80	Date of Last Update:	02/05/1993
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	OLD HOPKINS AGRI. CHEM.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			82004

GEOCHECK® PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	4	Depth Cased (in Ft.):	54
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Other		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Owner/Contact Address Information:

Owner's Address: 2020 BROADWAY NE
MINNEAPOLIS, MN

Remarks:

S. OF BROADWAY, E. OF NE ARTHUR, IN PARKING LOT

AC154
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027239450

Principal Well Information:

Unique Well #:	239450	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	852
Subsection:	Not Reported	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	350
7.5 Minute Quadrangle:	104A	Date drilled:	Not Reported
Depth Drilled (in Ft.):	350	Date of Last Update:	09/11/1991
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	STANDARD SAUSAGE	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	Not Reported	
Data Source/Driller's License #:		Depth Cased (in Ft.):	249
Casing Diam (in):	6	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	Not Reported	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	Not Reported	Well Grouted ?:	Not Reported
DNR Application #:	Not Reported	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use:	Not Reported	
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)	
Data for this well are contained in the DNT Observation Well Network Data base:		Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:		Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:		Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:		Not Reported
Indicator of the existence of a digitized UTM location for this well:		Not Reported

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	48	Date Static Level measured:	Not Reported
Static Water Level Data Source/Driller's License #:		62012	

AC155
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027403262

Principal Well Information:

Unique Well #:	403262	County:	HENNEPIN
Township:	29	Section:	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	Not Reported	Locator:	Not Reported
Location Method:	Not Reported	Depth Completed (in Ft.):	42
7.5 Minute Quadrangle:	Not Reported	Date drilled:	04/10/1984
Depth Drilled (in Ft.):	42	Date of Last Update:	08/19/1992
Status:	Not Reported	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	CARL BOLANDER AND SONS	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	27118	
Data Source/Driller's License #:		Depth Cased (in Ft.):	32
Casing Diam (in):	16	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	Not Reported	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	Not Reported	Well Grouted ?:	No
DNR Application #:	Not Reported	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Other		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Owner/Contact Address Information:

Owner's Address:	Not Reported
	ST. PAUL, MN 55107

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	7	Date Static Level measured:	04/10/1984
Static Water Level Data Source/Driller's License #:			27118

Remarks:

CITY OF MPLS. OWNER

U156
NNW
1/2 - 1 Mile
Higher

MN WELLS 2022372327

Principal Well Information:

Unique Well #:	223723	County:	HENNEPIN
Township:	29	Section	2
Range:	24	Elevation (in Ft.):	854
Subsection:	DDCDAD	Locator:	MGS
Location Method	Info. from Owner	Depth Completed (in Ft.):	853
7.5 Minute Quadrangle:	120D	Date drilled:	1905
Depth Drilled (in Ft.):	853	Date of Last Update:	10/11/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	SHOREHAM SHOPS M.S.P. RY	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	Minn. Geological Survey	
Data Source/Driller's License #:		Depth Cased (in Ft.):	218
Casing Diam (in):	8	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	OSTP	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	OPDC	Well Grouted ?:	Not Reported
DNR Application #:	85-6056	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	MULTIPLE AQUIFER		
Depth to Bedrock (Ft.):	50		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Industrial		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Cuttings & Geophysics
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: Not Reported
MINNEAPOLIS, MN

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Geologic Information:

Geologic Interp. Method: Interpreted in Context of Geologic Study between 1:24,000 and 1:100,000
Geologic Interpretation Source: Minn. Geological Survey
Geologist Responsible: BB Date of Last Update: 10/11/1995

Drilling/Casing Information:

Drilling Method:	Cable Tool	Drilling Fluid:	Not Reported
Casing Material:	Steel (Black or Low Carbon)	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Step-down
Diameter of the largest Casing Set (in inches):	10		
Depth to the Top of the largest Casing Set (Ft.):	0		
Depth to the Bottom of the largest Casing Set (Ft.):	127		
Diameter of the 2nd largest Casing Set (in.):	8		
Depth to the Top of the 2nd largest Casing Set (Ft.):	0		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	218		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	218		
Depth to Bottom of uncased Interval in Ft. (if not screened):	853		
Any Screen present:	No	Screen Type:	Not Reported
Screen Make:	Not Reported	Screen Diameter (in inches):	Not Reported
1st Screen Slot/Gauze:	Not Reported	1st Screen length:	Not Reported
1st Screen Depth to Top:	Not Reported	1st Screen Depth to Bottom:	Not Reported
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported

Driller's/Geologic Log Information:

Description of Geologic Materials:	SAND
Depth to the Top of measured Interval (in Ft.):	0
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SAND
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	Pleistocene, sand, materials undifferentiated or sorting unknown, color unknown or unspecified

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description of Geologic Materials: HARD PAN
Depth to the Top of measured Interval (in Ft.): 29
Hardness of Geologic Materials: Not Reported
Interpreted Primary Lithography: HARDPAN
Secondary Lithography: SILT
Minor Lithography: Not Reported
Color of Geo. Materials: Not Reported
Stratigraphic Unit: Pleistocene, materials undifferentiated or sorting unknown, color unknown or unspecified

Description of Geologic Materials: HARD PAN
Depth to the Top of measured Interval (in Ft.): 50
Hardness of Geologic Materials: Not Reported
Interpreted Primary Lithography: SANDSTONE
Secondary Lithography: Not Reported
Minor Lithography: Not Reported
Color of Geo. Materials: Not Reported
Stratigraphic Unit: ST.PETER

Description of Geologic Materials: SAND & GRAVEL
Depth to the Top of measured Interval (in Ft.): 54
Hardness of Geologic Materials: Not Reported
Interpreted Primary Lithography: SANDSTONE
Secondary Lithography: Not Reported
Minor Lithography: Not Reported
Color of Geo. Materials: Not Reported
Stratigraphic Unit: ST.PETER

Remarks:

GAMMA LOGGED 7-18-1992. M.G.S. NO. 017.

AB157 WSW 1/2 - 1 Mile Lower	Site ID:	1670		
	Groundwater Flow:	Not Reported	AQUIFLOW	29968
	Shallow Water Depth:	10		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	02/1991		

AE158 SW 1/2 - 1 Mile Lower	MN WELLS	2020061227
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Principal Well Information:

Unique Well #:	200612	County:	HENNEPIN
Township:	29	Section	15
Range:	24	Elevation (in Ft.):	815
Subsection:	DADDDA	Locator:	MGS
Location Method	Not Reported	Depth Completed (in Ft.):	152
7.5 Minute Quadrangle:	104A	Date drilled:	07/15/1955
Depth Drilled (in Ft.):	152	Date of Last Update:	09/11/1991
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	MIDLAND PRODUCTS	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:		Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	Not Reported	Depth Cased (in Ft.):	Not Reported
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	OSTP	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Not Reported
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	75		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Commercial		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 822 RAMSEY ST NE
MPLS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	40	Date Static Level measured:	07/00/1955
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:	Not Reported		
Geologist Responsible:	Not Reported	Date of Last Update:	09/11/1991

Pumpage Test/Driller Information:

Static Water Lev. (in Ft.):	40	Date Tested:	07/1955
1st Test Time (Hrs):	Not Reported	1st Test Pumpage (Gal/min):	20
2nd Test Time (Hrs):	Not Reported	2nd Test Pumpage (Gal/min):	Not Reported
3rd Test Time (Hrs):	Not Reported	3rd Test Pumpage (Gal/min):	Not Reported
Driller's Name:	Not Reported		
Water Level after 1st Pumping Test (in Ft.):	Not Reported		
Water Level after 2nd Pumping Test (in Ft.):	Not Reported		
Water Level after 3rd Pumping Test (in Ft.):	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller's/Geologic Log Information:

Description of Geologic Materials:	GRAVEL
Depth to the Top of measured Interval (in Ft.):	Not Reported
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	GRAVEL
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLEISTOCENE UNDIFF.

Description of Geologic Materials:	CLAY
Depth to the Top of measured Interval (in Ft.):	14
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	CLAY
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLEISTOCENE UNDIFF.

Description of Geologic Materials:	CLAY
Depth to the Top of measured Interval (in Ft.):	54
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	CLAY
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLEISTOCENE UNDIFF.

Description of Geologic Materials:	SANDROCK
Depth to the Top of measured Interval (in Ft.):	75
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SANDSTONE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	ST.PETER

X159
NW
1/2 - 1 Mile
Lower

MN WELLS 3027453863

Principal Well Information:

Unique Well #:	453863	County:	HENNEPIN
Township:	29	Section	11
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	BCB	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	18
7.5 Minute Quadrangle:	120D	Date drilled:	06/28/1989
Depth Drilled (in Ft.):	18	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	HARDCHROME	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			27058

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	8
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Owner/Contact Address Information:

Owner's Address: 2631 3RD ST NE
MINNEAPOLIS, MN 55418

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	16	Date Static Level measured:	06/28/1989
Static Water Level Data Source/Driller's License #:			27058

Remarks:

MW 3
NE CORNER OF 2ND ST. NE & 26TH AVE. N.

X160
NW
1/2 - 1 Mile
Lower

MN WELLS 3027453864

Principal Well Information:

Unique Well #:	453864	County:	HENNEPIN
Township:	29	Section	11
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	BCB	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	20
7.5 Minute Quadrangle:	120D	Date drilled:	06/28/1989
Depth Drilled (in Ft.):	20	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	HARDCROME	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			27058

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	10
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Owner/Contact Address Information:

Owner's Address: 2631 3RD ST NE
MINNEAPOLIS, MN 55418

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	19	Date Static Level measured:	06/28/1989
Static Water Level Data Source/Driller's License #:			27058

Remarks:

MW 2
NE CORNER OF 2ND ST. NE & 26TH AVE. N.

X161
NW
1/2 - 1 Mile
Lower

MN WELLS 3027453865

Principal Well Information:

Unique Well #:	453865	County:	HENNEPIN
Township:	29	Section	11
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	BCB	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	19
7.5 Minute Quadrangle:	120D	Date drilled:	06/27/1989
Depth Drilled (in Ft.):	21	Date of Last Update:	11/30/1992
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	HARDCROME INC.	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:			27058

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	9
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	No		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Owner/Contact Address Information:

NON RESPONSIVE

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	14	Date Static Level measured:	06/28/1989
Static Water Level Data Source/Driller's License #:			27058

Remarks:

NON RESPONSIVE

AC162
ESE
1/2 - 1 Mile
Higher

MN WELLS 3027477208

Principal Well Information:

Unique Well #:	477208	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	Not Reported
Subsection:	ACC	Locator:	Not Reported
Location Method	Not Reported	Depth Completed (in Ft.):	30
7.5 Minute Quadrangle:	119C	Date drilled:	01/28/1991
Depth Drilled (in Ft.):	30	Date of Last Update:	02/05/1993
Status:	Active	Not Reported	
Local Identifier:	Not Reported	Owner's Name:	Not Reported
Data Source/Driller's License #:		Local Identifier Type:	Not Reported
		M0024	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	2	Depth Cased (in Ft.):	20
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	Not Reported	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Yes
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Not Reported		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Monitor Well		
Elevation Method:	Not Reported		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

NON RESPONSIVE

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	24	Date Static Level measured:	01/28/1991
Static Water Level Data Source/Driller's License #:			M0024

Remarks:

C/O RIDER, BENNET, EGAN & ARUNDEL, 2000 LINCOLN CTN, MPLS, MN 55402
MW 5

V163
SSE
1/2 - 1 Mile
Higher

MN WELLS 2020088027

Principal Well Information:

Unique Well #:	200880	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	841
Subsection:	CCADCC	Locator:	MGS
Location Method	Not Reported	Depth Completed (in Ft.):	1060
7.5 Minute Quadrangle:	103B	Date drilled:	00/00/1921
Depth Drilled (in Ft.):	1060	Date of Last Update:	09/11/1991
Status:	Active		
Geographic Coordinates Method:			Not Reported
Well Name:	MPLS. JUNCTION NO. 1	Owner's Name:	Not Reported
Local Identifier:	Not Reported	Local Identifier Type:	Not Reported
Data Source/Driller's License #:			27022

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	6	Depth Cased (in Ft.):	804
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	OPVL	Wellhead Protection Area:	Not Reported
Open Interval-Top:	CIGL	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Not Reported
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	MULTIPLE AQUIFER		
Depth to Bedrock (Ft.):	41		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Industrial		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: TAYLOR AND WINTER ST LM
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	102	Date Static Level measured:	00/00/1926
Static Water Level Data Source/Driller's License #:			Not Reported
Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	739	Date Static Level measured:	00/00/1926
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	09/11/1991

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Telescoping
Diameter of the largest Casing Set (in inches):	10		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	240		
Diameter of the 2nd largest Casing Set (in.):	6		
Depth to the Top of the 2nd largest Casing Set (Ft.):	240		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	804		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	804		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Pumpage Test/Driller Information:

Static Water Lev. (in Ft.):	102	Date Tested:	00/1926
1st Test Time (Hrs):	Not Reported	1st Test Pumpage (Gal/min):	Not Reported
2nd Test Time (Hrs):	Not Reported	2nd Test Pumpage (Gal/min):	Not Reported
3rd Test Time (Hrs):	Not Reported	3rd Test Pumpage (Gal/min):	Not Reported
Driller's Name:	Not Reported		
Water Level after 1st Pumping Test (in Ft.):		Not Reported	
Water Level after 2nd Pumping Test (in Ft.):		Not Reported	
Water Level after 3rd Pumping Test (in Ft.):		Not Reported	

Driller's/Geologic Log Information:

Description of Geologic Materials:	DRIFT, GRAVEL
Depth to the Top of measured Interval (in Ft.):	Not Reported
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	GRAVEL
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLEISTOCENE UNDIFF.
Description of Geologic Materials:	PLATTEVILLE LIMESTONE
Depth to the Top of measured Interval (in Ft.):	41
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	LIMESTONE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLATTEVILLE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description of Geologic Materials:	ST PETER SANDSTONE
Depth to the Top of measured Interval (in Ft.):	66
Hardness of Geologic Materials:	HARD
Interpreted Primary Lithography:	SANDSTONE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	ST.PETER

Description of Geologic Materials:	ST PETER SANDSTONE
Depth to the Top of measured Interval (in Ft.):	105
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SANDSTONE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	ST.PETER

Remarks:

CASING: 010 TO 0240;006 TO 0804.
COMPLETED IN 1912 - DEEPENED 1921

164 South 1/2 - 1 Mile Higher	Site ID:	594		
	Groundwater Flow:	Not Reported	AQUIFLOW	24055
	Shallow Water Depth:	>19.7		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	07/27/1988		

Z165 East 1/2 - 1 Mile Higher	MN WELLS	3027436933
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Principal Well Information:

Unique Well #:	436933	County:	HENNEPIN
Township:	29	Section:	13
Range:	24	Elevation (in Ft.):	865
Subsection:	ABACAA	Locator:	MGS
Location Method:	Not Reported	Depth Completed (in Ft.):	45
7.5 Minute Quadrangle:	119C	Date drilled:	03/08/1988
Depth Drilled (in Ft.):	45	Date of Last Update:	09/11/1991
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	MW-1	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:		0013	
Casing Diam (in):	2	Depth Cased (in Ft.):	34
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	Not Reported	Wellhead Protection Area:	Not Reported
Open Interval-Top:	QWTA	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Not Reported
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	Pleistocene,clay + sand + silt - pebble free		
Depth to Bedrock (Ft.):	Not Reported		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	100		
Potential Pollution Source Direction:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Other
Elevation Method: 7.5-minute Topographic Map (+ or - 5 Feet)
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Not Reported
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: 1708 ARTHUR ST NE
MPLS., MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	32	Date Static Level measured:	03/08/1988
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	09/11/1991

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Single Casing
Diameter of the largest Casing Set (in inches):	2		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	34		
Diameter of the 2nd largest Casing Set (in.):	Not Reported		
Depth to the Top of the 2nd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	Not Reported		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	Not Reported		
Depth to Bottom of uncased Interval in Ft. (if not screened):	Not Reported		
Any Screen present:	Yes	Screen Type:	Stainless Steel
Screen Make:	JOHNSON ENVIRON	Screen Diameter (in inches):	Not Reported
1st Screen Slot/Gauze:	10	1st Screen length:	10
1st Screen Depth to Top:	34	1st Screen Depth to Bottom:	44
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller's/Geologic Log Information:

Description of Geologic Materials:	BLACK SILT
Depth to the Top of measured Interval (in Ft.):	Not Reported
Hardness of Geologic Materials:	SOFT
Interpreted Primary Lithography:	SILT
Secondary Lithography:	ORGANIC DEPOSITS
Minor Lithography:	Not Reported
Color of Geo. Materials:	BLACK
Stratigraphic Unit:	Holocene Deposits, deposit type unknown or undifferentiated, materials undifferentiated or sorting unknown, black

Description of Geologic Materials:	SANDY SILT
Depth to the Top of measured Interval (in Ft.):	18
Hardness of Geologic Materials:	HARD
Interpreted Primary Lithography:	SILT
Secondary Lithography:	SAND
Minor Lithography:	Not Reported
Color of Geo. Materials:	LT. BRN
Stratigraphic Unit:	Pleistocene, sand, materials undifferentiated or sorting unknown, brown

Description of Geologic Materials:	SILTY MEDIUM SAND
Depth to the Top of measured Interval (in Ft.):	28
Hardness of Geologic Materials:	SOFT
Interpreted Primary Lithography:	SAND
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	DK. BRN
Stratigraphic Unit:	Pleistocene, sand, materials undifferentiated or sorting unknown, brown

Description of Geologic Materials:	SILTY FINE-MEDIUM SAND
Depth to the Top of measured Interval (in Ft.):	32
Hardness of Geologic Materials:	HARD
Interpreted Primary Lithography:	SAND
Secondary Lithography:	SILT
Minor Lithography:	Not Reported
Color of Geo. Materials:	BROWN
Stratigraphic Unit:	Pleistocene, sand, materials undifferentiated or sorting unknown, brown

166
SE
1/2 - 1 Mile
Higher

MN WELLS 3027122253

Principal Well Information:

Unique Well #:	122253	County:	HENNEPIN
Township:	29	Section	13
Range:	24	Elevation (in Ft.):	842
Subsection:	CDBCCD	Locator:	MGS
Location Method	Info. from Owner	Depth Completed (in Ft.):	253
7.5 Minute Quadrangle:	103B	Date drilled:	06/01/1983
Depth Drilled (in Ft.):	253	Date of Last Update:	09/11/1991
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	MINN. METAL FINISHING	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported		
Data Source/Driller's License #:		00201	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Diam (in):	8	Depth Cased (in Ft.):	164
Permit #:	Not Reported	Permit Type:	Not Reported
First Bedrock:	OPVL	Wellhead Protection Area:	Not Reported
Open Interval-Top:	OSTP	Open Interval-Bottom Unit:	Not Reported
DNR Application #:	Not Reported	Well Grouted ?:	Not Reported
Well Sealed ?:	Not Reported	Date Well Abandoned:	Not Reported
Aquifer:	ST.PETER		
Depth to Bedrock (Ft.):	45		
Any other Unused, Abandoned Well on Property ?:	Not Reported		
Potential Pollution Source Type:	Not Reported		
Potential Pollution Source Distance (in Ft.):	Not Reported		
Potential Pollution Source Direction:	Not Reported		
Use:	Domestic		
Elevation Method:	7.5-minute Topographic Map (+ or - 5 Feet)		
Data for this well are contained in the DNT Observation Well Network Data base:			Not Reported
Indicator that an entry for this well exists in the State Water Use Data System:			Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System:			Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well:			Not Reported
Indicator of the existence of a digitized UTM location for this well:			Not Reported

Well Address Information:

Well Address: 909 WINTER ST NE
MINNEAPOLIS, MN

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	70	Date Static Level measured:	06/01/1983
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	09/11/1991

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Step-down
Diameter of the largest Casing Set (in inches):	16		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	45		
Diameter of the 2nd largest Casing Set (in.):	8		
Depth to the Top of the 2nd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	164		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	Not Reported		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	164		
Depth to Bottom of uncased Interval in Ft. (if not screened):	253		
Any Screen present:	No	Screen Type:	Not Reported
Screen Make:	Not Reported	Screen Diameter (in inches):	Not Reported
1st Screen Slot/Gauze:	Not Reported	1st Screen length:	Not Reported
1st Screen Depth to Top:	Not Reported	1st Screen Depth to Bottom:	Not Reported
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported

Pumpage Test/Driller Information:

Static Water Lev. (in Ft.):	70	Date Tested:	06/1983
1st Test Time (Hrs):	3	1st Test Pumpage (Gal/min):	105
2nd Test Time (Hrs):	Not Reported	2nd Test Pumpage (Gal/min):	Not Reported
3rd Test Time (Hrs):	Not Reported	3rd Test Pumpage (Gal/min):	Not Reported
Driller's Name:	Not Reported		
Water Level after 1st Pumping Test (in Ft.):	95		
Water Level after 2nd Pumping Test (in Ft.):	Not Reported		
Water Level after 3rd Pumping Test (in Ft.):	Not Reported		

Well Pump Information:

Any Pump installed:	Yes	Pump Type:	Submersible
Date Pump installed:	Not Reported	Pump Manufacturer:	NATIONAL
Pump Model:	S6LC-4A	Pump Horsepower:	7.5
Pump Voltage:	230	Capacity:	85
Drop Pipe Length (in Ft.):	105	Drop Pipe Material:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller's/Geologic Log Information:

Description of Geologic Materials:	FILL
Depth to the Top of measured Interval (in Ft.):	Not Reported
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	FILL
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	BLACK
Stratigraphic Unit:	Holocene Deposits
Description of Geologic Materials:	DRIFT
Depth to the Top of measured Interval (in Ft.):	10
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	DRIFT
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	BROWN
Stratigraphic Unit:	Pleistocene, deposit type unknown or undifferentiated, materials undifferentiated or sorting unknown, brown
Description of Geologic Materials:	CLAY & GRAVEL
Depth to the Top of measured Interval (in Ft.):	24
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	CLAY
Secondary Lithography:	GRAVEL
Minor Lithography:	Not Reported
Color of Geo. Materials:	BLUE
Stratigraphic Unit:	Pleistocene, deposit type unknown or undifferentiated, materials undifferentiated or sorting unknown, gray
Description of Geologic Materials:	PLATTEVILLE LIMESTONE
Depth to the Top of measured Interval (in Ft.):	45
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	LIMESTONE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	BLUE
Stratigraphic Unit:	PLATTEVILLE

Remarks:

CASING: 016 TO 0045; 008 TO 0164.

AE167 SW 1/2 - 1 Mile Lower	Site ID:	1057	AQUIFLOW	24281
	Groundwater Flow:	SSE		
	Shallow Water Depth:	10		
	Deep Water Depth:	11		
	Average Water Depth:	Not Reported		
	Date:	3/21/1990		

168 East 1 - 2 Miles Higher	Site ID:	3843	AQUIFLOW	36197
	Groundwater Flow:	Varies		
	Shallow Water Depth:	31.68		
	Deep Water Depth:	36.13		
	Average Water Depth:	Not Reported		
	Date:	09/21/1993		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

169 NE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3130 Not Reported 5 14 Not Reported 04/1992	AQUIFLOW	25509
170 SE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	2229 Not Reported 5.2 22 Not Reported 03/1989	AQUIFLOW	30375
171 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4706 NNW 13.48 17.00 Not Reported 01/20/1993	AQUIFLOW	30010
AF172 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3946 Varies 22.8 24.17 Not Reported 01/15/1995	AQUIFLOW	39985
AF173 South 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8126 SW 35 45 Not Reported 12/30/1994	AQUIFLOW	30109
AG174 WNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3450 ESE 1.2' 18' Not Reported 08/26/1991	AQUIFLOW	46749
175 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	10628 Not Reported 19.8 28.8 Not Reported 02/17/1998	AQUIFLOW	29784

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AG176 WNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4408 NE 19.10 22.45 Not Reported 02/1990	AQUIFLOW	30453
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AH177 East 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	744 E 28.04 36.69 Not Reported 04/24/1990	AQUIFLOW	30045
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AI178 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5819 WSW 19.21 20.03 Not Reported 08/1993	AQUIFLOW	25363
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AH179 East 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9674 W Not Reported Not Reported Not Reported 06/17/1998	AQUIFLOW	23923
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AJ180 West 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8077 E 26 27 Not Reported 02/09/1995	AQUIFLOW	36271
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AI181 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4984 Not Reported 12.5 19 Not Reported 04/12/1994	AQUIFLOW	25355
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AJ182 West 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	161 E 27.4 34.08 Not Reported 04/13/1990	AQUIFLOW	25237
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AK183 West 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	2574 NE 23.72 31.44 Not Reported 09/09/1994	AQUIFLOW	36511
AK184 West 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	6876 Not Reported 27 32 Not Reported 01/07/1994	AQUIFLOW	25288
AL185 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	1126 WSW 16.89 19.17 Not Reported 03/22/1993	AQUIFLOW	25472
AM186 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	2310 SSW 13.8 14.8 Not Reported 03/30/1990	AQUIFLOW	23648
187 East 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9239 SW 33.60 40.69 Not Reported 08/1997	AQUIFLOW	25105
AN188 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9855 Not Reported 28 29 Not Reported 08/08/1997	AQUIFLOW	30509
189 SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	1179 E 20 30 Not Reported 01/10/1991	AQUIFLOW	29502

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

190 WNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	675 E Not Reported 36 34.5 11/1988	AQUIFLOW	23890
AM191 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4729 Not Reported 16.4 16.9 Not Reported 07/08/1992	AQUIFLOW	29805
192 NE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	7206 Not Reported 8 13 Not Reported 12/31/1996	AQUIFLOW	24444
AM193 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3299 Not Reported 10.5 20 Not Reported 11/19/1990	AQUIFLOW	29233
194 NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	422 Varies 11.73 12.36 Not Reported 10/20/1995	AQUIFLOW	36453
195 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	6936 Not Reported 30 Not Reported Not Reported 10/29/1993	AQUIFLOW	25280
AL196 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	1903 W 14.31 25.75 Not Reported 11/25/1991	AQUIFLOW	29644

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AM197 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9810 SW Not Reported Not Reported 16 01/10/1997	AQUIFLOW	39815
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AN198 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9555 Not Reported 25.5 26 Not Reported 10/31/1997	AQUIFLOW	30516
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199 NE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9847 S Not Reported Not Reported Not Reported 5/20/1997	AQUIFLOW	24355
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200 SW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8185 Not Reported 16 44.05 Not Reported 04/06/1998	AQUIFLOW	29591
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AM201 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9436 Not Reported 17.3 18.0 Not Reported 04/22/1997	AQUIFLOW	25096
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AL202 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	1954 SW 18 Not Reported Not Reported 12/01/1989	AQUIFLOW	29547
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203 ENE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	407 Not Reported 16.5 20 Not Reported 8/23/1990	AQUIFLOW	24721
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

204 NE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3808 Not Reported 90 Not Reported Not Reported 05/30/1991	AQUIFLOW	30334
205 South 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8263 SW 16.09 21.69 Not Reported 7/31/1998	AQUIFLOW	19485
206 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	7862 SSE 15.29 19.16 Not Reported 11/01/1995	AQUIFLOW	25070
207 NNW 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	6597 SSE 35.10 38.55 Not Reported 08/03/1995	AQUIFLOW	23756
208 SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	2946 Not Reported 28 31.3 Not Reported 07/1990	AQUIFLOW	24027
209 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	22 ESE 21.82 44.32 Not Reported 09/1994	AQUIFLOW	36491
210 SW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5995 Varies 17.17 21.87 Not Reported 8/22/1995	AQUIFLOW	24422

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AO211	Site ID:	7864		
SW	Groundwater Flow:	Not Reported	AQUIFLOW	29955
1 - 2 Miles	Shallow Water Depth:	24		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	09/23/1994		

212	Site ID:	188		
WSW	Groundwater Flow:	SE	AQUIFLOW	39831
1 - 2 Miles	Shallow Water Depth:	33.64		
Higher	Deep Water Depth:	39.55		
	Average Water Depth:	Not Reported		
	Date:	05/05/1997		

213	Site ID:	3020		
NW	Groundwater Flow:	W	AQUIFLOW	25156
1 - 2 Miles	Shallow Water Depth:	10.05		
Lower	Deep Water Depth:	25.03		
	Average Water Depth:	Not Reported		
	Date:	11/1992		

214	Site ID:	4552		
SW	Groundwater Flow:	Varies	AQUIFLOW	36353
1 - 2 Miles	Shallow Water Depth:	6.29		
Lower	Deep Water Depth:	45		
	Average Water Depth:	Not Reported		
	Date:	04/11/1994		

215	Site ID:	5327		
SE	Groundwater Flow:	SSW	AQUIFLOW	29907
1 - 2 Miles	Shallow Water Depth:	19.13		
Higher	Deep Water Depth:	22.56		
	Average Water Depth:	Not Reported		
	Date:	05/1994		

216	Site ID:	7118		
SSE	Groundwater Flow:	SW	AQUIFLOW	24451
1 - 2 Miles	Shallow Water Depth:	24		
Lower	Deep Water Depth:	26		
	Average Water Depth:	Not Reported		
	Date:	3/30/1994		

217	Site ID:	919		
SSE	Groundwater Flow:	SW	AQUIFLOW	24113
1 - 2 Miles	Shallow Water Depth:	10		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	03/28/1989		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AP218	Site ID:	671		
SSW	Groundwater Flow:	NW	AQUIFLOW	46810
1 - 2 Miles	Shallow Water Depth:	37.51		
Lower	Deep Water Depth:	58.85		
	Average Water Depth:	Not Reported		
	Date:	04/09/1995		

AO219	Site ID:	2230		
SW	Groundwater Flow:	Not Reported	AQUIFLOW	36393
1 - 2 Miles	Shallow Water Depth:	24.5		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	01/31/1990		

220	Site ID:	1255		
WNW	Groundwater Flow:	ESE	AQUIFLOW	23882
1 - 2 Miles	Shallow Water Depth:	70		
Higher	Deep Water Depth:	100		
	Average Water Depth:	Not Reported		
	Date:	12/1989		

AQ221	Site ID:	4141		
ESE	Groundwater Flow:	SW	AQUIFLOW	46753
1 - 2 Miles	Shallow Water Depth:	5.92		
Higher	Deep Water Depth:	17.10		
	Average Water Depth:	Not Reported		
	Date:	02/28/1996		

AQ222	Site ID:	2477		
ESE	Groundwater Flow:	SW	AQUIFLOW	23738
1 - 2 Miles	Shallow Water Depth:	16.50		
Higher	Deep Water Depth:	20.73		
	Average Water Depth:	Not Reported		
	Date:	04/22/1997		

223	Site ID:	9554		
ENE	Groundwater Flow:	Not Reported	AQUIFLOW	24383
1 - 2 Miles	Shallow Water Depth:	30		
Higher	Deep Water Depth:	45		
	Average Water Depth:	Not Reported		
	Date:	8/1996		

224	Site ID:	6169		
ESE	Groundwater Flow:	SW	AQUIFLOW	25327
1 - 2 Miles	Shallow Water Depth:	18		
Higher	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	06/10/1993		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AR225	Site ID:	3691		
ESE	Groundwater Flow:	Not Reported	AQUIFLOW	24212
1 - 2 Miles	Shallow Water Depth:	20		
Higher	Deep Water Depth:	22		
	Average Water Depth:	Not Reported		
	Date:	4/12/1991		

AR226	Site ID:	7547		
ESE	Groundwater Flow:	Not Reported	AQUIFLOW	28694
1 - 2 Miles	Shallow Water Depth:	19		
Higher	Deep Water Depth:	21		
	Average Water Depth:	Not Reported		
	Date:	06/17/1994		

227	Site ID:	1059		
NW	Groundwater Flow:	E	AQUIFLOW	24662
1 - 2 Miles	Shallow Water Depth:	19		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	07/10/1989		

AP228	Site ID:	8038		
SSW	Groundwater Flow:	N	AQUIFLOW	28828
1 - 2 Miles	Shallow Water Depth:	Not Reported		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	09/21/1995		

229	Site ID:	1544		
South	Groundwater Flow:	Not Reported	AQUIFLOW	23657
1 - 2 Miles	Shallow Water Depth:	23		
Lower	Deep Water Depth:	28		
	Average Water Depth:	Not Reported		
	Date:	07/28/1997		

AS230	Site ID:	8440		
SSW	Groundwater Flow:	NE	AQUIFLOW	28860
1 - 2 Miles	Shallow Water Depth:	Not Reported		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	11/17/1995		

231	Site ID:	2209		
SSW	Groundwater Flow:	NW	AQUIFLOW	30284
1 - 2 Miles	Shallow Water Depth:	39.4		
Lower	Deep Water Depth:	61.5		
	Average Water Depth:	Not Reported		
	Date:	05/09/1990		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

232 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8778 Not Reported Not Reported Not Reported 33 07/19/1996	AQUIFLOW	36560
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AS233 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4055 Varies 20.64 29.87 Not Reported 03/06/1995	AQUIFLOW	39969
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234 NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3970 Not Reported 15 16.5 Not Reported 05/02/1991	AQUIFLOW	29264
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AT235 SW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9959 N 20 23 Not Reported 02/24/1998	AQUIFLOW	23973
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AT236 SW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8094 Not Reported 21 Not Reported Not Reported 12/9/1994	AQUIFLOW	19484
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AT237 SW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	1599 ESE 15.22 27.76 Not Reported 5/20/1998	AQUIFLOW	19409
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AT238 SW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	534 Not Reported 10 12.7 Not Reported 07/30/1990	AQUIFLOW	24007
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AU239	Site ID:	5914		
South	Groundwater Flow:	Not Reported	AQUIFLOW	25463
1 - 2 Miles	Shallow Water Depth:	20		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	07/29/1993		

AU240	Site ID:	2427		
South	Groundwater Flow:	NNE	AQUIFLOW	24172
1 - 2 Miles	Shallow Water Depth:	20		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	4/5/1990		

241	Site ID:	4577		
SW	Groundwater Flow:	NE	AQUIFLOW	29824
1 - 2 Miles	Shallow Water Depth:	Not Reported		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	03/27/1992		

242	Site ID:	10689		
NE	Groundwater Flow:	S	AQUIFLOW	19472
1 - 2 Miles	Shallow Water Depth:	10		
Higher	Deep Water Depth:	14		
	Average Water Depth:	Not Reported		
	Date:	4/9/1998		

243	Site ID:	3456		
NNW	Groundwater Flow:	SW	AQUIFLOW	24132
1 - 2 Miles	Shallow Water Depth:	19.4		
Higher	Deep Water Depth:	21.5		
	Average Water Depth:	50		
	Date:	11/15/1988		

244	Site ID:	822		
ESE	Groundwater Flow:	Not Reported	AQUIFLOW	23869
1 - 2 Miles	Shallow Water Depth:	13		
Higher	Deep Water Depth:	14		
	Average Water Depth:	Not Reported		
	Date:	12/29/1988		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for HENNEPIN County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 55413

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.700 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Minnesota Groundwater Database

Source: Minnesota Geological Survey County Water Well Index (CWI)

Telephone: 612-627-4780

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Telescoping
Diameter of the largest Casing Set (in inches):	12		
Depth to the Top of the largest Casing Set (Ft.):	Not Reported		
Depth to the Bottom of the largest Casing Set (Ft.):	424		
Diameter of the 2nd largest Casing Set (in.):	10		
Depth to the Top of the 2nd largest Casing Set (Ft.):	424		
Depth to Bottom of the 2nd largest Casing Set (Ft.):	824		
Diameter of the 3rd largest Casing Set (in.):	Not Reported		
Depth to Top of the 3rd largest Casing Set (Ft.):	824		
Depth to Bottom of the 3rd largest Casing Set (Ft.):	Not Reported		
Diameter of the Top Section of the Hole (in.):	Not Reported		
Depth to the Bottom of the widest Section of the Hole (Ft.):	Not Reported		
Diameter of the 2nd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):	Not Reported		
Diameter of the 3rd largest Section of the Hole (in.):	Not Reported		
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):	Not Reported		

Driller's/Geologic Log Information:

Description of Geologic Materials:	SAND AND GRAVEL
Depth to the Top of measured Interval (in Ft.):	Not Reported
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SAND
Secondary Lithography:	GRAVEL
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLEISTOCENE UNDIFF.
Description of Geologic Materials:	PLATTEVILLE LIMESTONE
Depth to the Top of measured Interval (in Ft.):	37
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	LIMESTONE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	PLATTEVILLE
Description of Geologic Materials:	ST PETER SANDSTONE
Depth to the Top of measured Interval (in Ft.):	52
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SANDSTONE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	ST.PETER

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description of Geologic Materials:	ST PETER SHALE
Depth to the Top of measured Interval (in Ft.):	168
Hardness of Geologic Materials:	Not Reported
Interpreted Primary Lithography:	SHALE
Secondary Lithography:	Not Reported
Minor Lithography:	Not Reported
Color of Geo. Materials:	Not Reported
Stratigraphic Unit:	ST.PETER

Remarks:

ABANDONED
CASING: 012 TO 0424;010 TO 0824.

W109 WSW 1/2 - 1 Mile Lower	Site ID:	6688		
	Groundwater Flow:	Not Reported	AQUIFLOW	28684
	Shallow Water Depth:	7'		
	Deep Water Depth:	13'		
	Average Water Depth:	Not Reported		
	Date:	09/09/1994		

W110 WSW 1/2 - 1 Mile Lower	Site ID:	3719		
	Groundwater Flow:	Not Reported	AQUIFLOW	24200
	Shallow Water Depth:	15		
	Deep Water Depth:	16		
	Average Water Depth:	Not Reported		
	Date:	8/12/1991		

V111 SSE 1/2 - 1 Mile Higher		MN WELLS	2020088227
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Principal Well Information:

Unique Well #:	200882	County:	HENNEPIN
Township:	29	Section:	13
Range:	24	Elevation (in Ft.):	832
Subsection:	CCBDBA	Locator:	MGS
Location Method:	Not Reported	Depth Completed (in Ft.):	1070
7.5 Minute Quadrangle:	103B	Date drilled:	03/28/1945
Depth Drilled (in Ft.):	1070	Date of Last Update:	10/11/1995
Status:	Active	Not Reported	
Geographic Coordinates Method:		Owner's Name:	Not Reported
Well Name:	MPLS. JUNCTION NO. 3	Local Identifier Type:	Not Reported
Local Identifier:	Not Reported	Not Reported	
Data Source/Driller's License #:		Depth Cased (in Ft.):	837
Casing Diam (in):	10	Permit Type:	Not Reported
Permit #:	Not Reported	Wellhead Protection Area:	Not Reported
First Bedrock:	OPVL	Open Interval-Bottom Unit:	Not Reported
Open Interval-Top:	CMTS	Well Grouted ?:	Not Reported
DNR Application #:	Not Reported	Date Well Abandoned:	Not Reported
Well Sealed ?:	Not Reported		
Aquifer:	MT.SIMON		
Depth to Bedrock (Ft.):	30		
Any other Unused, Abandoned Well on Property ?:		Not Reported	
Potential Pollution Source Type:		Not Reported	
Potential Pollution Source Distance (in Ft.):		Not Reported	
Potential Pollution Source Direction:		Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use: Industrial
Elevation Method: 7.5-minute Topographic Map (+ or - 5 Feet)
Data for this well are contained in the DNT Observation Well Network Data base: Not Reported
Indicator that an entry for this well exists in the State Water Use Data System: Not Reported
Data exist for this well in the PCA Integrated Ground-Water Information System: Not Reported
Indicator of the availability of cuttings, core or downhole geophysical data for this well: Downhole Geophysics
Indicator of the existence of a digitized UTM location for this well: Not Reported

Well Address Information:

Well Address: GNRRTAYLOR + WINTER LM

Coliform/Nitrate/Static Water Level Information:

Coliform Bacteria Count:	Not Reported	Detection Limit Flag:	Not Reported
Coliform Sampling Date:	Not Reported	Coliform Analysis Source:	Not Reported
Colif. Analys. Reliability:	Not Reported	Bacteria Analysis Technique:	Not Reported
Nitrate Count (mg/l):	Not Reported	Nitrate Detection Limit Flag:	Not Reported
Nitrate Sampling Date:	Not Reported	Nitrate Analysis Source:	Not Reported
Nit. Analys. Reliability:	Not Reported	Nit. Analysis Technique:	Not Reported
Static Water Lev. (in Ft.):	126	Date Static Level measured:	05/16/1945
Static Water Level Data Source/Driller's License #:			Not Reported

Geologic Information:

Geologic Interp. Method:	Not Reported		
Geologic Interpretation Source:		Not Reported	
Geologist Responsible:	Not Reported	Date of Last Update:	10/11/1995

Drilling/Casing Information:

Drilling Method:	Not Reported	Drilling Fluid:	Not Reported
Casing Material:	Not Reported	Casing Jointing:	Not Reported
Casing Top to Ground Surface Distance:		Not Reported	
Any Drive Shoe:	Not Reported	Casing Installation:	Step-down
Diameter of the largest Casing Set (in inches):		16	
Depth to the Top of the largest Casing Set (Ft.):		Not Reported	
Depth to the Bottom of the largest Casing Set (Ft.):		36	
Diameter of the 2nd largest Casing Set (in.):		10	
Depth to the Top of the 2nd largest Casing Set (Ft.):		Not Reported	
Depth to Bottom of the 2nd largest Casing Set (Ft.):		837	
Diameter of the 3rd largest Casing Set (in.):		Not Reported	
Depth to Top of the 3rd largest Casing Set (Ft.):		Not Reported	
Depth to Bottom of the 3rd largest Casing Set (Ft.):		Not Reported	
Diameter of the Top Section of the Hole (in.):		Not Reported	
Depth to the Bottom of the widest Section of the Hole (Ft.):		Not Reported	
Diameter of the 2nd largest Section of the Hole (in.):		Not Reported	
Depth to Bottom of the 2nd largest Section of the Hole (Ft.):		Not Reported	
Diameter of the 3rd largest Section of the Hole (in.):		Not Reported	
Depth to Bottom of the 3rd largest Section of the Hole (Ft.):		Not Reported	

Screen Information:

Depth to Top of uncased Interval in Ft. (if not screened):	837		
Depth to Bottom of uncased Interval in Ft. (if not screened):	1070		
Any Screen present:	No	Screen Type:	Not Reported
Screen Make:	Not Reported	Screen Diameter (in inches):	Not Reported
1st Screen Slot/Gauze:	Not Reported	1st Screen length:	Not Reported
1st Screen Depth to Top:	Not Reported	1st Screen Depth to Bottom:	Not Reported
2nd Scrn. Slot/Gauze:	Not Reported	2nd Scrn. length:	Not Reported
2nd Scrn. Depth to Top:	Not Reported	2nd Scrn. Depth to Bottom:	Not Reported